PHILADELPHIA
TRICENTENNIAL YEAR

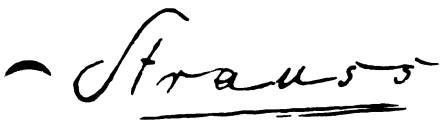
THE Blurb

PHILMONT
MOBILE RADIO CLUB

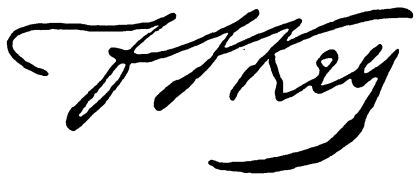
May 1982

W3RQZ • W3TKQ • W3QV

Mozart



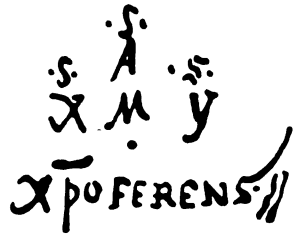
Strauss



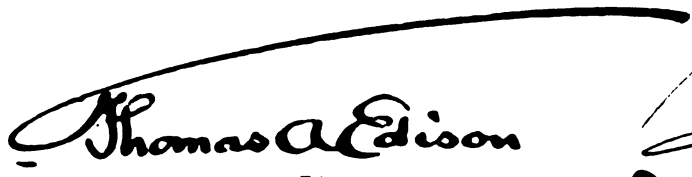
Francis Scott Key

"There can be no doubt, that the handwriting of a man is related to his thought and character, and that we may thereby gain a certain impression of his ordinary mode of life and conduct."
Goethe

Edgar Allen Poe



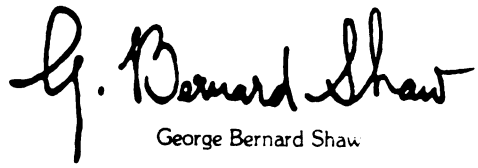
Christopher Columbus



Thomas A. Edison

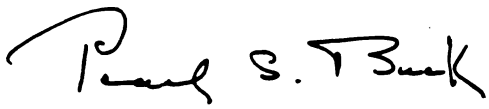
Napoleon

Isaac Newton

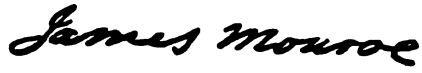


George Bernard Shaw

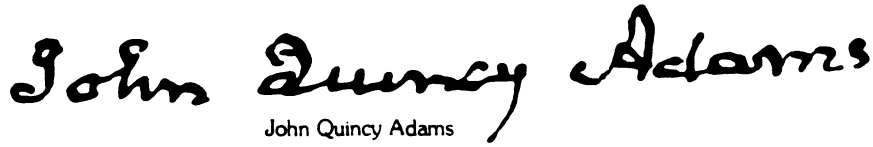
Walt Whitman



Pearl S Buck



James Monroe



John Quincy Adams

VOLUME XXXII

THE BLURB is published monthly by and for the members of THE PHIL-MONT MOBILE RADIO CLUB, INC. Our purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting, with a credit line, is permitted. We gladly exchange publications with other clubs and should be addressed to the Editor. *THE BLURB* subscriptions are available to non-members at $5.00 per year, and should be sent to the Treasurer.

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Swap 'n' Shop	W3BBB
Mailing	W3AHZ, W3BBB, K3HIE, WA3KLR, W3VVS

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Trustee: C. R. Spencer II, W3BBB

W3TKQ The Franklin Institute
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Trustee: R. E. Madara, W3PWG

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AK2I(A) K3GNM(A) W3IRS(A)

THE PHIL-MONT MOBILE RADIO CLUB, INC.

meets on the first Monday of each month(2nd Monday Sept. only) at 8:00 p.m. in the Franklin Institute, 21st & The Ben Franklin Parkway.

ALL VISITORS ARE WELCOME

Club Nets are conducted weekly. Schedules and frequencies to be announced in *THE BLURB*.

NUMBER 5

Sams CORNER

AT THE JUNE CONFERENCE ON COMMUNICATIONS TO BE HELD AT FRANKLIN PLAZA HOTEL..PHILADELPHIA. PHILMONT M.R.C. WILL HOST THE AMATUER RADIO SESSION. MORE DETAILS ON THIS TO FOLLOW. THAT IS.. IF YOU DONT ALREADY KNOW ABOOT IT.

March 1982 - Directors Meeting

The Meeting, was held on March 16th, at the home of Larry, W3UY. Gil-W3SRU, still dreaming about his recent trip to Switzerland, and his deposits in his numbered accounts, called the meeting to order at 8:10 P.M. In attendance were W3AWH, W3IIN, W3IIM, W3BBB, K3GNM, W3ZPP, W3GQD, W3VVS, W3GIF, N3ADI, W3PST, KB3IV and W3CW. The minutes of the March General Meeting were read and approved. KB3IV presented the Treasurer's report (anyone for a suprise audit?) The Refreshment kitty income for March was $12.19, expenses were $14.94.(who's the guy that didn't kick in?) - W3VVS read the membership applications of Ken Gary - WB3AHM and Fred Reichert Sr. - KA3BET. Both applicants were accepted into the club. (Welcome to Phil-Mont). W3ZPP is in need of one or two more 2 meter net controls. Any volunteers? May 23rd is the Freedom Valley Bike-A-Thon. W3AWH reported that he should have an announcement shortly regarding new equipment for W3TKQ. John also reported that the Club Film, Every Single Minute (that's the one that shows BBB as a young puppy), will be shown on cable TV in the Cheltenham area shortly. Phil-Mont will again participate in Field Day (N3ADI will handle the arrangements and take orders for pepper and egg sandwiches), using the facilities of W3TKQ. The meeting was adjourned at 9:25. Refreshments were served ... thanks to our hosts Larry and Betty.

April 1982 - General Meeting

The 389th General Meeting of The Phil-Mont Mobile Radio Club was called to order at 8:07 P.M. on Monday April 5th, 1982, by W3SRU. Minutes were read. Ed, KB3IV gave the Treasurer's report. The report was accepted without comment (Why were the expenses so high in March, Ed?). The Raffle was conducted, and the Treasurer managed to win the top prize, a tape recorder.(Money goes to money) -- Gil read the announcements of coming events, which will be detailed as they come nearer. The attendance report was called for, but W3VVS was still counting. N3ADI--Mike made several comments about DX, the most poignant one being "The Bands Stink". W3BBB - Jim read a letter from Stan - N3AVE, thanking the Club for the flowers sent in memory of his wife Esther. WB3CMM - Bill indicated that he is investigating a possible 40 meter net for Sunday (Check-in to all Sunday nets and you might win a weekend in Camden). W3WXC gave a report on Stag Night.(The ladies in the Club are protesting the name of this event - KC2HX heard about the mushrooms stuffed with "IMPERIAL CRAB" that were going to be served, and ordered 20, in blue) W3AWH - John announced, after months of work, he has been able to obtain a complete Drake station for W3TKQ. The equipment is being donated by R.L.DRAKE and HAMTRONICS, in Trevose. W3TKQ will receive the following: TR7/DR7 Transceiver, L7-2KW Amplifier, MN-75 Matching Network, RV-7 VFO, Theta 7000E Communications Terminal and a TR-930 Vidio Monitor. John stressed the fact that while the equipment was obtained through the efforts of Phil-Mont, it is being donated to The Franklin Institute and W3TKQ, for the use and in behalf of all the Hams in the Deleware Valley. Further, John reported that the Club is still trying to obtain additional donations for the physical refurbishing of the station. An effort is also underway to involve ARRL with W3TKQ in a possible training program. (Thanks to John for all his time and hard work) W3VVS put his shoes back on, and stated, (Paul was a little slow in counting this month) that the meeting was attended by 53 members and 13 guests. Paul then introduced each of the visitors. -- Gil reported that all arrangements have been completed for the IEEE Conference. Any questions contact W3SRU. Gil read a letter from Mary Tegtmeir, the widow of Bill, W3ALG, thanking the Club for their remembrance. The meeting was turned over to Bill - W3GQD who introduced the evenings program, TV Remote News Coverage. Our thanks to Ed Kushner - W3HKZ, Jim Malone - WA3LBI, Ben Dickerson - K3DQU and to WCAU-TV for a great presentation. The meeting was adjourned at 10 PM (Right on time - nice going Gil). Refreshments were served (and hopefully paid for).

Respectfully Submitted

Donald B. Gordon
WB3KOJ

Here follows visitors to our General Meeting. - Ed Kushner,W3HKZ; George T. Judge,KD3H; Lynne Baer,AB3N; J.Stucka, N3JM; Roger Beamon,W3BFM; Phil J. Moy, W3IGB; Marty Shapiro,WA3IFQ; Jim Malone, WA3LBI; Ernie Congleton,N3BBS; Ben Dickerson,K3DQU; Rick Spenser, WB3RICK; Donna Sadwin Scalia,XYL of N5ESP; Jackie Chedeville, XYL of W3-CHICK-A-DEE-EEE-EEE.

As most of you know(or should) one of our members, **N3AVE**, Leon S. Greenwood, lost his wife, **Esther**, on March 19,'82. In response to the many cards and letters he has received, he has asked to use the PMRC's BLURB for his reply and expressions. These, he feels, can be best illustrated by the words he found in a clipping he sent me.

I Have A Love by Ben Burroughs

I have a love to cling to
a gentle sincere girl

Who, with a single warm embrace
can set me in a whirl

She's just a normal person
with average form and face

But when she smiles she fills my heart
with sanctifying grace

Her attributes are many
each one a treasure rare

And she is always willing
to understand and share

She gives me faith when mine is low
and hope when hope is gone

Her magic power leads me through
the darkest night to dawn

I cherish her and always will
my Queen in gingham gown

Who, with a single tender word
can wipe away each frown

I'll never stop atrying
to please my sweet bouquet

I have a love to cling to
I've been lucky that way

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P H I L - M O N T ' S C A L E N D E R F O R M A Y

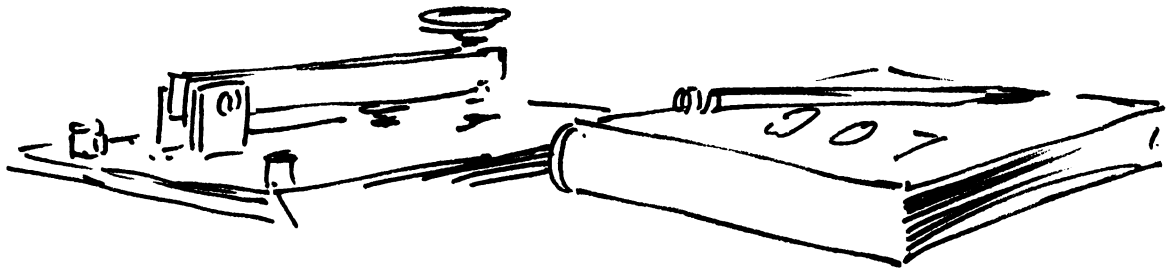
03 Regular Meeting at the Franklin Institute - 2000 hours
WB3HYB will address us on automotive maintenance

12 Directors' Meeting at the QTH of W3GQD and BLURB Deadline

23 Bike-a-Thon

31 Memorial Day and BLURB Folding

PHILMONT *Silent* KEY



H. 'KEN' RICHTER

W_3ETM

APRIL 13 1982

It is my sad duty to inform you of yet another member. W3AHZ, Jim Beaver passed away Friday 16 April 1982. Their obituaries will appear next month.

EFF - WYE - EYE Applications for Membership

Roger "Rog" L. Beamon W3BFM Advanced Class
8 Valey Road Spouse - Helen no call
Telford, PA 18969 phone - 723-3999
Employed in Sales of the Jacob Schmidt & Son, Inc. ph.-427-2667
Operates 80 thru 10m. w/KW at home; 2m, 25w FM mobile and has 4 KVA generator in mobile home. Life member in ARRL. Interested in PR.(There you go, K3KUD, W3WXC, and W3BBB)
Sponsored by WB3KOJ and N3ADI

Philip "Phil" J. Moy W3IGB Advanced Class
933 Worthington Drive Spouse - Edna no call
Warminster, PA 18974 phone - 674-8642
Is a Customer Engineer for Olivetti. ph. 839-4450
Operates HW101 w/2100B, mobile Azden 2000, & Icom IC-2AT
Sponsored by WB3KOJ and WB3CMM

* + * + *

From the QSL Bureau of W3IIN

The "Special Event" Field Day of 17 Jan 82 was a super success. It seems that finally all the QSLs have arrived and are finally QSLed. The last two arrived via AK2I on 02 April 82. A "Well Done!" to all who participated.

W3TKQ had 295 verified contacts out of 587 contacts made. All were thoroughly checked in the Log(?) sheets, which are a "Piece of Work" in themselves!

The largest number of contacts made was on 40m with 89 QSLed, 2m was next with 88(isn't that sweet?), while 10m had 67. We made contact with 26 states and 2 foreign countries., 2 with England and one with Canada. Pennsylvania topped all others with 202, New Jersey was next with 24, then Texas had 21. The other 23 states were logged from 1 to 21 for New York. All in all, it was a very good "Field Day". All that remains to be done now is figure out what to do with the other 1,705 Special QSLs remaining. Maybe AK2I, mmmm----.

HARRY J. DANNALS
W2HD, PRESIDENT
VICTOR C. CLARK
W4KFC, FIRST VICE PRES
NOEL B. EATON
VE3CJ, VICE PRES
CARL L. SMITH
W4BWJ, VICE PRES
JOHN HUNTOON
W1RW, TREASURER
RICHARD L. BALDWIN
W1RU, SEC. & GEN. MGR.

203-666-1541
QST
OFFICIAL JOURNAL

THE AMERICAN RADIO RELAY LEAGUE, INC.

HEADQUARTERS SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION
ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111

March 23, 1982

SPECIAL LETTER TO ARRL-AFFILIATED CLUBS IN PENNSYLVANIA

Dear Club Members:

A radio amateur in your state, Robert N. Wilderman, K3SRO, 19 Glen Road, Lansdale, PA 19446, has asked his state legislator, Benjamin H. Wilson, WA3ACB, (R-144th District), to introduce legislation which would relieve amateurs from zoning restrictions throughout the state, except for safety factors. This legislation has been assigned House Bill No. 1779, and a copy is attached to this letter.

The ARRL, with the support of ARRL Atlantic Division Director Jesse Bieberman, W3KT, is in complete agreement with the objectives of this action by and for amateurs and amateur radio. Please call or write your local legislators requesting that they support H.B. 1779. The names and addresses of your representatives to the Pennsylvania House of Representatives can be obtained by contacting the office of your county commissioners. Mail may be addressed to your representative in the following manner:

Representative_____
House of Representatives
Harrisburg, PA 17120

Please watch the "League Lines" and "Happenings" columns in QST for further developments.

73,

Sincerely,

David Sumner

David Sumner, K1ZZ
General Manager

DS:lac
Enc.

SINCE 1914 — OF, BY AND FOR THE RADIO AMATEUR

(de Mobile Sixers' Heterodyne)

Compliments of:

BENJ. H. WILSON

YOUR STATE REPRESENTATIVE

Printer's No. 2111

L ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 1779 Session of 1981

INTRODUCED BY WILSON, JULY 21, 1981

REFERRED TO COMMITTEE ON LOCAL GOVERNMENT, JULY 21, 1981

AN ACT

Amending the act of July 31, 1968 (P.L.805, No.247), entitled, as amended, "An act to empower cities of the second class A, and third class, boroughs, incorporated towns, townships of the first and second classes including those within a county of the second class and counties of the second class A through eighth classes, individually or jointly, to plan their development and to govern the same by zoning, subdivision and land development ordinances, planned residential development and other ordinances, by official maps, by the reservation of certain land for future public purpose and by the acquisition of such land; providing for the establishment of planning commissions, planning departments, planning committees and zoning hearing boards, authorizing them to charge fees, make inspections and hold public hearings; providing for appropriations, appeals to courts and penalties for violations; and repealing acts and parts of acts," prohibiting zoning ordinances which exclude or restrict amateur radio antennas or towers.

The General Assembly of the Commonwealth of Pennsylvania hereby enacts as follows:

Section 1. The act of July 31, 1968 (P.L.805, No.247), known as the "Pennsylvania Municipalities Planning Code," is amended by adding a section to read:

Section 603.1. Ordinance Excluding Amateur Radio Antennas and Towers Prohibited.--No zoning ordinance shall exclude or restrict the erection, location or height of an amateur radio antenna, or the tower supporting such antenna. An ordinance may regulate the construction or maintenance of an antenna tower, but only to the extent as is necessary to protect life or property.

Section 2. This act shall take effect in six months.

(de Mobile Sixers' Heterodyne)

MAY '82

S W O P ' n ' S H O P W 3 Bigger Better Bargains

WANTED - Cassette tape deck for 117 v.a.c. Good mechanical condition, for use as player, not to record, so the condition of head is unimportant, good playback electronics would be nice but not necessary.

Please contact the Editor

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VHF Radiation - - from HTs ? ?

There is a radiation emission from the antennas of HTs that can cause serious problems. The emission is known as non-ionizing radiation, which is a form of energy heat that is absorbed by the body. The human eye, and particularly the lenses of the eye, cannot relieve itself of the heat transmitted and this can lead to cataract problems and other eye diseases. All users of these radios are being advised to hold the unit at least 3 inches from the face and to avoid contact with the antenna and the eyes.
(from BRATS Milliwatt)

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W5YI REPORT

FAA AND FCC HELPS CLEAR UP CABLE TV RFI IN KANSAS CITY AREA

The Olathe Area (KAØFMZ) Repeater Group amateurs, led by John Furman, KØLFA, has produced some positive results from the Kansas City FCC Field Office and the FAA Central Region Office. The problem surfaced in early fall 1981 and met with hostile dialog between the local cablevision company and the amateurs who were experiencing interference on Cable Channel E, 145.25 MHz. Their attitude changed, once the FAA and the FCC entered the picture.

Donald J. Schneider, Chief of the FAA Airway Facilities Division in Kansas City, sent a representative to accompany FCC engineers, to Lawrence to make cable TV leakage measurements. Levels up to 250 microvolts/meter were revealed (more than 10 times the permissible level) on 133.25 MHz, an air traffic control frequency.

FCC CATV specialist Mike Freeman contacted KBØQJ, Frank Fields, of Lawrence, Kansas, during February and arranged to conduct cable TV performance tests. Both Freeman and another FCC engineer, Stuart Overby, found the Lawrence system to have excessive radiation. Part 76.605 of the FCC rules permits radiation leakage not to exceed 20 microvolts per meter measured at 10 feet on frequencies between 54 and 216 MHz. Sunflower Cablevision Company has become most cooperative now that the FAA and FCC are involved, Frank Fields wrote me. "Funny how the interest is from 108 to 136 MHz (FAA frequencies), but not 144 to 148 MHz. At any rate, we got their attention." The problem has been corrected and was attributed to loose cable connectors and a possible illegal cable drop line.

FCC DELETES OBSOLETE TECHNICAL RULES FROM PART 97.....

In other FCC actions, the Commission has deleted two outdated Part 97 sections dealing with frequency measurement and purity of emissions from the Amateur Radio Service Rules. At the April 1st Commissioner's Open Meeting, the FCC said "nearly all radio transmitting equipment now employ an adequately filtered DC plate power supply." Section 97.71 required the licensee of an amateur radio station operating below 144 MHz to use an adequately filtered transmitter power supply. A poorly filtered transmitter power supply transmits an undesirable hum which can interfere with other transmissions.

Noting that the Amateur Radio Service Rules "specify quantitatively the standard for purity of emissions for all amateur transmissions" the FCC said that the phrase "adequately filtered" is... "inappropriate as a technical standard." It further stated that "the rule itself is inappropriate and outmoded and has no present or future utility or effect." The deleted rule dates from the early days of radio, when a well-filtered DC power supply was more difficult to obtain.

Also eliminated was the "frequency measurement and regular check rule" (Section 97.74) of the Amateur Radio Service Rules which "requires the Amateur licensee to provide for measuring the station's emitted carrier frequency and to establish procedures for independently checking it regularly."

The Commission noted three serious problems with the rule:

-- The requirements to "provide for" and "establish procedures" were not the same as actually measuring and checking the frequency, thus making the rule unenforceable because of its lack of specificity;

-- Today's transmitters and receivers are often one unit -- a transceiver -- unlike older equipment which was made up of two separate units which made it possible for the operator to check the transmitted frequency with the receiver. "Amateurs would have to obtain another piece of equipment to comply with the rule, an unnecessary burden on them," said the Commission.

-- The regulatory interest the deleted rule sought to promote already is covered by Section 97.63 requiring all transmitted emissions to be confined within the authorized Amateur band.

"Since the rule is unenforceable, burdensome and unnecessary," the FCC said "its elimination advances the FCC's objective of eliminating all unnecessary rules." (Action 4/1/82 by Order - FCC 82-152/3.)

★★★★★

NEW JERSEY 'SCANNER' BILL GETS INTRODUCED INTO STATE LEGISLATURE

A so-called "Scanner Bill" to amend a New Jersey Law (NJS 2A:127-4) permitting radio amateurs to install receivers capable of receiving police and fire frequencies in their vehicles without having a permit from the local chief of police has been reintroduced into the New Jersey legislature. In prior attempts to pass such legislation, similar bills were either vetoed or not acted upon.

New Jersey State Senator James Saxton (R-8th District) has introduced S-1135 at the request of Tom Sundstrom, W2XQ, of Vincetown, NJ. The bill has been assigned to the Transportation and Communicatiuons Committee of the Senate.

★★★★★

●.....There is still a lot of talk about the WARC ham bands, but no action. The WARC Treaty was sent to the President on September 25, 1981, and from the President to the Senate on November 24, 1981. Ronald Reagan said in his letter of transmittal, "...it is my hope that the Senate will take early action on this matter..." An unanswered question is why did it take Reagan 2 months to merely forward the WARC accord from the White House to the Senate when he knew that the Final Acts needed Senate approval prior to the January 1, 1982, date the new Radio Regulations come into force?

★★★★★

CALIFORNIA AMATEURS GET CABLE TV ORDINANCE DRAFTED TO THEIR ADVANTAGE

The city of Torrance, California, (population 130,000) in the southern part of the Los Angeles megalopolis has been studying and considering various cable TV services. The Hughes Aircraft Company Amateur Radio Club - armed with information from this newsletter, the ARRL, Part 76 (which governs cable TV) and other sources - drafted a letter to the city council directing their attention to cable TV difficulties arising elsewhere in the nation.

City Councilwoman, Katy Geissert, took the letter to heart and immediately sent copies to the other five council members, the mayor, the city attorney and to Teleprompter. (It didn't hurt that Mrs. Geissert's husband, Bill, was KA6CZL and married daughter, Ann, KA6AYJ, and that she was a personal friend of the wife of the Hughes ARC president, KN6H.) The city attorney was further instructed to draft the city ordinance in such a manner that the interests of the amateur radio community were protected.

Teleprompter responded to the letter stating that "If... interference... is discovered to be a problem to the use of Channel E cable signals, then... Teleprompter will discontinue the use of Channel E cable signals." Copies of the Teleprompter letter were forwarded to the Hughes ARC by Mrs. Geissert with a note indicating it "... will travel as a part of the City's contract."

The city also noted that Channel K is of equal concern to hams. Teleprompter's response was "we'll take care of it if a problem develops." There are over 100 repeaters in the 220-mHz band in Los Angeles and Channel K is 223.25 mHz. The city council further suggested that the Hughes ARC contact Teleprompter, indicating willingness to work with them should problems develop.

Hughes ARC prez, Charles Lobb, KN6H, feels that the timing of their letters probably had more to do with their success in getting the interests of the amateur community protected than anything else. The Hughes letter arrived just before preparation of the cable TV ordinance but after the cable firm was selected. Lobb said "Hams considering a similar presentation in their communities should aim for this 'window' when the city council is most receptive."

Excerpts of the Torrance ordinance and/or other related correspondence may be obtained by forwarding a #10 business size SASE with at least 37 cents postage to KN6H at his callbook address. The entire 60-page ordinance (ask for Ordinance #3034) and the Teleprompter letter can be obtained for $1.50 from the City Clerk; 3031 Torrance Blvd.; Torrance, CA 90503.

★★★★★

FIRST CLASS MAIL

H PAUL BOHLANDER W3VVS
2731 HAWTHORNE ROAD
ARDSLEY PA 19038

A Philmont Mobile Radio
Club Publication
124 Central Avenue
North Hills, PA 19038

the blurb

Our next regular meeting - - -

Speaker - WB3HYB

Subject - Automotive Maintenance

T i m e - 2000 hours
D a t e - 03 May 1982
P l a c e - The Franklin Institute
W h e r e - 21st Street, south of Benjy's Parkway